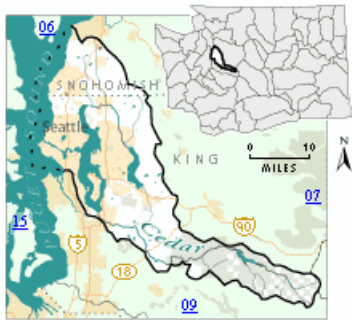


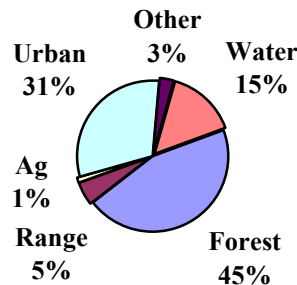
# Cedar-Sammamish Basin - WRIA #8



WRIA #8 drains about 442,791 acres of Northern King and Southern Snohomish Counties. The majority of the WRIA is within the Puget Lowland ecoregion.

## Demographics

### Land Use in the Cedar-Sammamish Basin



### Land Base (in acres)

Federal	17,598	3.9%
State	12,984	3.0%
Local	74,703	16.9%
Tribal	-0-	-0-
Private	337,506	76.2%

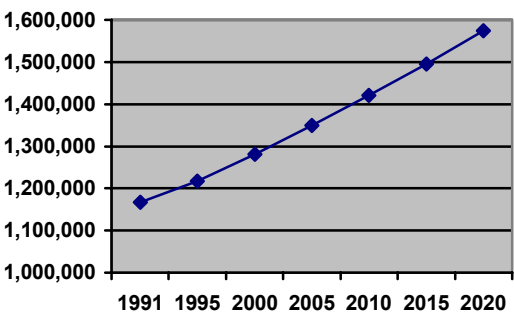
### Principal Economic Activity (as total wages)

Services	29%
Retail Trade	17%
Manufacturing	14%
Government	13%
Other	27%

## Population

There are approximately 1,916,924 people living in the Cedar-Sammamish River Basin. The primary population centers are Seattle, Bellevue, Renton, and Kirkland. The majority of people live in principal cities.

### Projected population trends



## Counties

King  
Snohomish

## Special purpose districts

Conservation Districts: King County; Snohomish County  
Snohomish County Watershed Management Area

## Principal Cities

Seattle	Bellevue	Renton
Kirkland	Redmond	Edmonds
Lynwood	Mercer Island	Issaquah
Newcastle	Shoreline	Bothell
Mountlake Terrace		Woodinville
Lake Forest Park		

## Reservation Lands

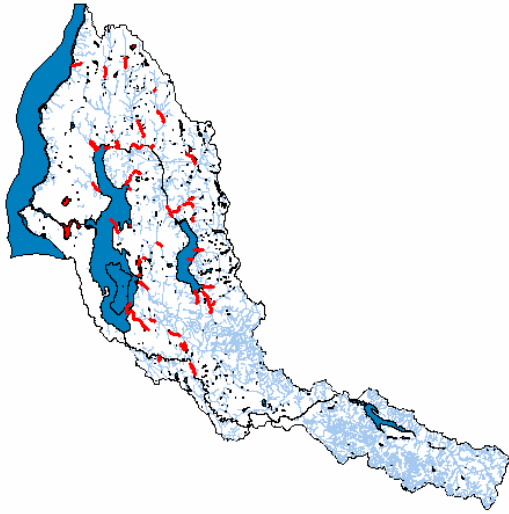
none

## General Landscape

Rolling moraines and foothills, floodplains and meandering rivers characterize this basin. Surface material is gravelly sandy loam to deep clay loam, gravelly loam, and cobbly loam. Potential natural vegetation is western hemlock, western red cedar, red alder, and some Douglas fir. Mean temperature is 31/46° (winter) to 52/78° (summer).

## Surface Water Quality

### 303(d) listed waterbodies



### 1. 303(d) Listed Problem Areas

**Fecal Coliform** in Bear-Evans Creek, Cedar River, Coal Creek, Eden Creek, Fairweather Bay Creek, Forbes Creek, Issaquah Creek, Juanita Creek, Kelsey Creek, Laughing Jacob's Creek, Lewis Creek, Little Bear Creek, Lyon Creek, May Creek, McAleer Creek, Mercer Slough, Mullen Slough, Norma Creek, North Creek, Pine Lake Creek, Sammamish Lake, Sammamish River, Silver Lake, Swamp Creek, Thornton Creek, Tibbets Creek, Washington Lake, and Yarrow Bay Creek

**High Temperature** in Fairweather Bay Creek, Issaquah Creek, May Creek, and Sammamish River

**Dissolved Oxygen** in Mercer Slough, Norma Creek, North Creek, Sammamish River, and Swamp Creek

**pH** in Mercer Slough, and Sammamish River

**Metals** in Bear-Evans Creek, May Creek, and Puget Sound

**Pesticides** in Kelsey Creek, Puget Sound and Union Lake/Lake Washington Ship Canal

**Organics** in Puget Sound

**Nutrients** in Beaver Lake NO.1, Beaver Lake NO.2, Cottage Lake, Green Lake, Martha Lake, and Scriber Lake

**PCBs** in Puget Sound

**Sediment Bioassay** in Union Lake/Lake Washington Ship Canal and Washington Lake

**Total Maximum Daily Loads**  
7 TMDLs required from the 1998 303(d) list

### 2. Impacted Beneficial Uses

**Groundwater Quality**  
Nitrates – Levels detected > 5 mg/L  
Pesticides – Have been detected in public wells,

**Sole Source Aquifer**  
Cedar Valley Aquifer  
Cross Valley Aquifer

**Water Quantity**  
Over Appropriated; high growth

**Air Quality**  
(From windblown dust)  
No concerns

**Public Health**  
**Commercial Shellfish Growing Areas**  
None

**Domestic Water Supply**  
Within this WRIA are large community water systems that significantly utilize surface water sources.

**Salmonid Stock Status**  
Threatened

### 3. Water Quality Programs

1. TMDL for North Creek
2. TMDL for Beaver Lake
3. TMDL for Tibbets Creek
4. TMDL for Laughing Jacob's Creek
5. TMDL for Eaton Creek
6. TMDL for May Creek
7. TMDL for Larsen Lake

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|---|---|
| <ul style="list-style-type: none"> <li>8. TMDL for Ballinger Lake</li> <li>9. TMDL for Pipers Creek</li> <li>10. City of Lynwood Comprehensive Flood and Drainage Management Plan - City of Lynwood</li> <li>11. Stormwater Education - City of Lynwood</li> <li>12. City of Lynwood Stormwater Utility</li> <li>13. Swamp Creek Watershed Action Plan - Snohomish County</li> <li>14. North Creek Watershed Action Plan - Snohomish County</li> <li>15. Water Quality Monitoring in North Creek; Swamp Creek; and Little Bear Creek - Snohomish County</li> <li>16. South County Watershed Steward, Snohomish County</li> <li>17. Outreach &amp; Education, Snohomish County</li> <li>18. Stormwater Management Plan, Snohomish County</li> <li>19. Pollution Complaint Investigation, Snohomish County</li> <li>20. Riparian &amp; Wetland Acquisition &amp; Protection, Snohomish County</li> <li>21. Business Outreach &amp; Technical Assistance, Snohomish County</li> <li>22. Low Impact Development Program, Snohomish County</li> <li>23. Thornton Creek Watershed Action Plan, Seattle Public Utilities</li> <li>24. Cedar and Tolt River Water Quality Monitoring, Seattle Water Department</li> <li>25. Pipers Creek Watershed Action Plan, Seattle Engineering</li> <li>26. Water Quality Consortium Education, King County Metro</li> <li>27. South County Watershed Steward Program, Snohomish County</li> <li>28. Snohomish County Ground Water Management Plan, Snohomish County</li> <li>29. State of the Nearshore Report, King County Dept. of Natural Resources</li> <li>30. Small Farm Planning, King CD</li> <li>31. Dairy Waste Planning, King CD</li> <li>32. Agricultural Water Quality BMPs, King CD</li> <li>33. Agricultural Education Program, King CD</li> <li>34. Rapid Shoreline Inventory Program, People for Puget Sound</li> <li>35. Puget Sound Indicator Project (PSH 2002), PSAT</li> <li>36. Fecal Coliform &amp; Paralytic Shellfish Poisoning Monitoring (Puget Sound Ambient Monitoring Program – PSAMP), DOH</li> </ul> | <ul style="list-style-type: none"> <li>37. Salmon &amp; Steelhead Inventory &amp; Assessment Program, WDFW</li> <li>38. Washington State ShoreZone Inventory, DNR/Coastal &amp; Ocean Resources</li> <li>39. Digital Coastal Atlas, DOE</li> <li>40. Estuarine Health Indicator Project, PSWQAT</li> <li>41. Biotoxins Monitoring Program, DOH</li> <li>42. Commercial Shellfish Growing Area Classification Program, DOH</li> <li>43. Recreational Shellfish Program, DOH</li> </ul> |
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